GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 19, 2005, 20:14:54 ; Search time 195.768 Seconds
                                               (without alignments)
                                               8299.718 Million cell updates/sec

Title: US-09-826-791A-1
Perfect score: 993
Sequence: 1 atggaaccaaaatggcacctt..........gaaggaacaagagtataa 993
Scoring table: 1
Gapop 10.0 , Gapext 1.0   IDENTITY_NUC

Searched: 1202784 seqs, 81813B359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

Database :   Issued_Patents NA:*
                1: /cgn2_6/ptcdata/1/ina/5A_COMB.seq:*
                2: /cgn2_6/ptcdata/1/ina/5B_COMB.seq:*
                3: /cgn2_6/ptcdata/1/ina/6A_COMB.seq:*
                4: /cgn2_6/ptcdata/1/ina/6B_COMB.seq:*
                5: /cgn2_6/ptcdata/1/ina/PCTUS_COMB.seq:*
                6: /cgn2_6/ptcdata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match Length	DB	ID	Description
1	989.8	99.7	1401	4	US-09-585-876-1	Sequence 1, Appli
2	145.2	14.6	1578	4	US-09-044-404A-1	Sequence 1, Appli
3	145.2	14.6	1578	4	US-09-586-924-1	Sequence 1, Appli
4	99.4	10.0	1020	4	US-09-170-496D-31	Sequence 31, Appli
5	99.4	10.0	1900	4	US-09-016-434-1484	Sequence 1484, Ap
6	99.4	10.0	1901	1	US-08-153-848-43	Sequence 43, Appl
7	99.4	10.0	1901	3	US-09-299-843A-43	Sequence 43, Appl
8	99.4	10.0	1901	3	US-09-088-337B-43	Sequence 43, Appl
9	99.4	10.0	1901	5	PCT-US93-11153-43	Sequence 43, Appl
10	99.4	10.0	2453	5	PCT-US95-07180-1	Sequence 1, Appl
11	96.2	9.7	1020	4	US-09-170-496D-181	Sequence 181, App
12	92	9.3	1255	1	US-08-097-938-3	Sequence 3, Appli
13	92	9.3	1255	1	US-08-472-840-3	Sequence 3, Appli
14	92	9.3	1255	2	US-08-476-000-3	Sequence 3, Appli
15	92	9.3	1255	2	US-08-476-976-3	Sequence 3, Appli
16	92	9.3	1255	3	US-08-474-410-3	Sequence 3, Appli
17	92	9.3	1255	3	US-08-486-673B-3	Sequence 3, Appli
18	92	9.3	1224	2	US-08-742-440A-1	Sequence 1, Appli
19	90	9.1	1414	1	US-08-476-000-62	Sequence 62, Appl
20	90	9.1	1414	1	US-08-472-840-62	Sequence 62, Appl
21	90	9.1	1414	2	US-08-476-976-62	Sequence 62, Appl
22	90	9.1	1414	3	US-08-474-410-62	Sequence 62, Appl
23	90	9.1	1414	3	US-08-486-673B-62	Sequence 62, Appl
24	90	8.6	1567	5	US-08-889-108-16	Sequence 16, Appl
25	85.6	8.6	1567	5	PCT-US94-10358-16	Sequence 16, Appl
26	85.6	8.6	2706	3	US-08-454-549-1	Sequence 1, Appli
27	85.6	8.6	2706	3	US-08-454-552-1	Sequence 1, Appli
28	85.2	8.6	1452	1	US-08-149-093A-3	Sequence 3, Appli
29	85.2	8.6	1452	1	US-08-911-245-3	Sequence 3, Appli
30	85.2	8.6	1452	1	US-08-553-058C-3	Sequence 3, Appli
31	85.2	8.6	1452	2	US-09-170-496D-225	Sequence 225, App
32	85.2	8.6	2706	3	US-09-016-434-351A-1	Sequence 1, Appli
33	85.2	8.6	1452	3	US-09-510-473-3	Sequence 3, Appl
34	85.2	8.6	1452	3	US-09-048-916B-3	Sequence 3, Appli
35	84.4	8.5	1551	3	US-09-016-434-1239	Sequence 1239, Ap
36	84.4	8.5	1551	4	US-09-023-655-1186	Sequence 1186, Ap
37	84.4	8.5	1780	4	US-09-054-272-1	Sequence 1, Appli
38	83.2	8.4	1098	4	US-09-170-496D-225	Sequence 225, App
39	82.4	8.3	2706	3	US-08-676-351-1	Sequence 1, Appl
40	81.6	8.2	1098	2	US-09-170-496D-117	Sequence 117, App
41	81.6	8.2	1597	2	US-09-724-974A-1	Sequence 1, Appl
42	81.6	8.2	1697	2	US-09-364-425B-26	Sequence 26, Appl
43	81.4	8.2	1164	4	US-09-170-496D-107	Sequence 107, App
44	81.4	8.2	1164	4	US-09-170-496D-221	Sequence 221, App
45	81.4	8.2	2051	4	US-09-016-434-1259	Sequence 1259, Ap

ALIGNMENTS

RESULT 1
US-09-585-876-1

; Sequence 1, Application US/09585876
; Patent No. 6586205
; GENERAL INFORMATION:
; APPLICANT: Glucksmann, Maria Alexandra
; APPLICANT: Glucksmann, Immaculada
; TITLE OF INVENTION: 43239, A No. 658620Se1 GPCR-Like Molecule and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 5800-88
; CURRENT APPLICATION NUMBER: US/09/585,876
; CURRENT FILING DATE: 2000-06-01
; EARLIER APPLICATION NUMBER: 60/182,061
; EARLIER FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1401
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (197)...(1237)
US-09-585-876-1

Query Match   99.7%; Score 989.8; DB 4; Length 1401;
Best Local Similarity   99.8%;
Matches 991; Conservative   0; Mismatches   2; Indels   0; Gaps   0;

Qy   1 ATGGAACCAAAATGGCACCTTCAGCAATAACAACACAGGAAACTGCACAATTGAAAACTTC 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   245 ATGGAACCAAAATGGCACCTTCAGCAATAACAACACAGGAAACTGCACAATTGAAAACTTC 304

Qy   61 AAGAGAGAATTTTTCCCAATTGTATATCTGATAATAATATTTTTTCTGGGGAGTCTTTGGG 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   305 AAGAGAGAATTTTTCCCAATTGTATATCTGATAATAATATTTTTTCTGGGGAGTCTTTGGG 364

Qy   121 GGGTTGTCCATTATATGTTTTCCTGCAGCCTTATAAGAGAGTCCACATCGTGAACGTTTTC 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   365 GGGTTGTCCATTATATGTTTTCCTGCAGCCTTATAAGAGAGTCCACATCGTGAACGTTTTC 424

Qy   181 ATGCTAAAATCTGGCCATTTCAGATCTCCCTGTTCATAAGCACGCTTCCCTGCCTGGCGAC 240
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   425 ATGCTAAAATCTGGCCATTTCAGATCTCCCTGTTCATAAGCACGCTTCCCTGCCTGGCGAC 484

Qy   241 TATTATCTTAGAGGGCTCCCAATTGGATATATTTGGAGACCTGGCCTGCAGGATTATGTCT 300
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   485 TATTATCTTAGAGGGCTCCAGTTGGATATATTTGGAGACCTGGCCTGCAGGATTATGTCTTAT 544

Qy   301 TCCTTGTATGTCAACATGTACAGCAGCAGTATTATTATTCCTGACCGTGCTGAGTGTGTGCGT 360

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;  SOFTWARE: FastSEQ for Windows Version 2.0
;  CURRENT APPLICATION DATA:
;    APPLICATION NUMBER: US/09/044,404A
;    FILING DATE: MARCH 19, 1998
;    CLASSIFICATION: 435
;  PRIOR APPLICATION DATA:
;    APPLICATION NUMBER: 08/844,795
;    FILING DATE: APRIL 22, 1997
;  ATTORNEY/AGENT INFORMATION:
;    NAME: Han, William T.
;    REGISTRATION NUMBER: 34,344
;    REFERENCE/DOCKET NUMBER: GH-70001-1
;  TELECOMMUNICATION INFORMATION:
;    TELEPHONE: 610-270-5219
;    TELEFAX: 610-270-5090
;    TELEX:
;  INFORMATION FOR SEQ ID NO: 1:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH: 1578 base pairs
;      TYPE: nucleic acid
;      STRANDEDNESS: single
;      TOPOLOGY: linear
;    MOLECULE TYPE: cDNA
US-09-044-404A-1

Query Match        14.6%;   Score 145.2;  DB 3;  Length 1578;
Best Local Similarity   51.5%;   Pred. No. 1.1e-35;
Matches  451;  Conservative    0;  Mismatches  398;  Indels  27;  Gaps  4;
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Qy    45  CACAATTGAAAACTTCAAGAGAGAATTTTTCCCAATTGTATATCTGATAATATTTTCTG 104
              ||| ||  | ||||| ||| |  ||  |    |  ||  | || |  | |||| || |
Db   514  CACTATTGATGACTTCGGCAATCAAGTAGTATTAGCCCACCTTGTACTCTATTCTCGTTGT 573

Qy   105  GGGAGTCTTGGGAAAATGGGTTGTCATATATGTTTTTCCTGCAGCCCTTATAAGAGTCCAC 164
              || | | |||  |   |  || |  || |||||  ||| |||  | |||| || |||
Db   574  AGGCTTCTTTGGCAATGGCTTTGTGCTCTATGTCCCTCATAAAACCTATCACAGAGAAGTC 633

Qy   165  ATCGTGAACGTTTTCATGTAAAATCTGGCCATTCAGATCTCCGTTGTTCATAAGCACGGCT 224
              | |   ||| ||  | | |   | ||| | |  |  | ||  | | |  || | ||
Db   634  AGCCTCCAAGTATACATGATTAATTTAGCAGTAGACAGCTCACTTGTGTGGTGCACT 693

Qy   225  TCCCTTCAGGGCTGACTATTTATCTTAGAGGGTCACAAAAGGCATTTGGCTTCTTTGG 284
              ||||   || |  | |||  | | |||   |   ||  || ||||| ||| |||
Db   694  GCCTCTTCCGTGTGGTCTATTAATGTCCACAAAGGCATTTGGGCTGACTTCTTGTG 753

Qy   285  CAGGATTATGTCTTATTCCTTGTATATGTCAACCTCTATTGTAGCAGTATTATTTCCTGACGT 344
              ||   | ||  || | ||||| | | ||   |   || |||  |  |  ||| |||||
Db   754  CCGCCTCAGCACCATGCTTGTTGTATGTCAACCTCTATTGTAGCAGATCTTTTATTTAGACAGC 813

Qy   345  GCTGAGTGTTGTGCGTTTCCTGGGCAATGGTTCACCCCTTCGGGCTTCTGCATGTCACCAG 404
              ||| | | | || | |||||| |  |  |||  | | |||  ||| | ||  || | |||
Db   814  CATGAGCTTTTTCCGTGCAATGCAATTGTTTTTCCAGTCCAAGAAACATTAATTTGGTTAC 873

Qy   405  CATCAGGAGTGCCTGGATCCCTCGTGTGGGGATCATATATGGGATCCTT---ATCATGGCTTCCTC 461
              || || | | ||| | |  | |||||  |   |  |||  |||   ||     |  ||||| |
Db   874  ACAGAAAAAAGGCCAGGTTTTGGTGGTGTAGGGTTATTGGGGATTTTTTGACCAGTTC 933

Qy   462  AATAAATGCTCCTGGACAGTGGCTCTGAGCAGAACGGCAGTGTCACATCATGCTTGAGCT 521
              |   |  | |||| | |    || |  | | ||    | ||  | | | | ||| ||
Db   934  TCCATTTCTAATGGCCAAACCACAAAAAGATGGGAAAAATAATACCAAGTGCTTTGAGCC 993

Qy   522  GAATCTCTATAAAAATTGCTAAGCTGCA------GACCATGAACTATATTGCCTTGGTGGT 575
              || | | || |   |||  |  | |  |      |||||||  |||  |  |||| | ||
Db   994  CCCACAAGACAATCAAACTAAAAATCATGTTTTGGTCTTGCAATTAGTGTCAATTGTTGT 1053

Qy   576  GGGCTGCCTGCTGCCCATTTTCACACTCAGACATCTGTTATCTGCATCATCGGGGTTCT 635
              || | | |||   | | | | | || |   ||  |  | ||  |  |  ||  | |||
Db   1054 TGGCTTTATCATCCCTTTGTTTATTATAAATGTGTCTGTTACACAATGATCATTTGACTT 1113

Qy   636  GTTAAAAGTGGAGGTCCCAGAATCGGGGCGTGGGGGTTTCTCACAGAGGAAGGCACTGACCAC 695
              |||  |  | || |  | ||| |  | |   | |  |  | |  |  | |||  || || |
Db   1114 ACTAAAAAAATCAATGAAAAAAAATCTGTCAAG------TCATAAAAAAGGCTATAGGAAT 1167
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RESULT 2
US-09-044-404A-1
;  Sequence 1, Application US/09044404A
;  Patent No. 6200775
;  GENERAL INFORMATION:
;    APPLICANT: SATHE, GANESH
;    APPLICANT: HALSEY, WENDY
;    APPLICANT: ELLIS, CATHERINE
;    APPLICANT: AMES, ROBERT
;    APPLICANT: FOLEY, JAMES
;    APPLICANT: SARAU, HENRY
;    TITLE OF INVENTION: CDNA CLONE HMTMF81 THAT ENCODES
;    TITLE OF INVENTION: A NOVEL HUMAN 7-TRANSMEMBRANE RECEPTOR
;    NUMBER OF SEQUENCES: 2
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE: SmithKline Beecham Corporation
;      STREET: 790 Swedeland Road, P.O. Box 1539
;      CITY: King of Prussia
;      STATE: PA
;      COUNTRY: USA
;      ZIP: 19406
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE: Diskette
;      COMPUTER: IBM Compatible
;      OPERATING SYSTEM: DOS
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Qy   545  TCCTTGTATGTCAACATGTACAGACAGTATTATTTCCTGACCGTTGCTGACCTTGTGTGCCGT 604
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   361  TTCCTGGCAATGGTTCACCCCTTTCGGGCTTCTGCATGTCACCAGCATCAGGAGTGCCTGG 420

Qy   605  TCCCTGGCAATGGTTCACCCCTTTCGGGCTTCTGCATGTCACCAGCATCAGGAGTGCCTGG 664
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   421  ATCCTCTGTGGGGATCATATATGGGATCCTTATCATCATGGCTTCCTCAATAAATGCTCCTGGACAGT 480

Qy   665  ATCCTCTGTGGGGATCATATATGGGATCCTTATCATCATGGCTTCCTCAATAAATGCTCCTGGACAGT 724
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Db   481  GGCTCTGAGCAGAACGGCAGTGTCACATCATGCTTGAGCTGAATCTCTATAAAAATTGCT 540

Qy   725  GGCTCTGAGCAGAACGGCAGTGTCACATCATGCTTGAGCTGAATCTCTATAAAAATTGCT 784
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   541  AAGCTGCAGAACCATGAACTATATTGCCTTGGTGGTGGGCTGCCTGCTGCCCATTTTCACA 600

Qy   785  AAGCTGCAGAACCATGAACTATATTGCCTTGGTGGTGGGCTGCCTGCTGCCCATTTTCACA 844
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   601  CTCAGACATCTGTTATCTGCATCATCGGGGTTCTGTTAAAAGTGGAGGTCCCAGAATCG 660

Qy   845  CTCAGACATCTGTTATCTGCATCATCGGGGTTCTGTTAAAAGTGGAGGTCCCAGAATCG 904
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   661  GGGCGTGGGGGTTTCTCACAGAGGAAGGCACTGACCACCACCATCACCTTGATCATCTTC 720

Qy   905  GGGCGTGGGGGTTTCTCACAGAGGAAGGCACTGACCACCACCATCACCTTGATCATCTTC 964
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   721  TTCTTGTTGTTCCTGCCCTATCACACACACTGACGAGCACCACCACCTTGACCATGAAAGTG 780

Qy   965  TTCTTGTTGTTCCTGCCCTATCACACACACTGACGAGCACCACCACCTTGACCATGAAAGTG 1024
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   781  GGTTTATGCAAAGACAGACTGCATAAAAGCTTGGTTATCACATGGGTCTTGGGCACGAGCC 840

Qy  1025  GGTTTATGCAAAGACAGACTGCATAAAAGCTTGGTTATCACATGGGTCTTGGGCACGAGCC 1084
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   841  AATGCCTGCTTCAATCCTCTGCTCTATTACTTTGCTGGGGAGAATTTTAAGGACAGACTA 900

Qy  1085  AATGCCTGCTTCAATCCTCTGCTCTATTACTTTGCTGGGGAGAATTTTAAGGACAGACTA 1144
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Db   901  AAGTCTGCACTCAGAAAAAGGCCCATACCCACAGAAGGCAAAAGACAAAGTGTGTTTTCCCTGTT 960

Qy  1145  AAGTCTGCACTCAGAAAAAGGCCCATACCCACAGAAGGCAAAAGACAAAGTGTGTTTTCCCTGTT 1204
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Db   961  AGTGTGTTGGTTGAGAAAAGGAAACAAGAGAGTATAA 993

Qy  1205  AGTGTGTTGGTTGAGAAAAGGAAACAAGAGAGTATAA 1237
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